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A SYNOPTIC CATALOG OF THE MOSQUITOES OF THE WORLD, SUPPLEMENT IV

(DIPTERA: CULICIDAE)[1]

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This paper is the fourth supplement to the Synoptic Catalog of the Mosquitoes of the World by Stone, Knight, and Starcke (1959). Previous supplements were published in these *Proceedings* as follows: Supplement I—Vol. 63 (1961) No. 1, pp. 29–52; Supplement II—Vol. 65 (1963) No. 2, pp. 117–140; and Supplement III—Vol. 69 (1967) No. 3, pp. 197–224. The introductory remarks as to format and coverage in Supplement II apply to this supplement also. Five new names of the genus-group and 179 new names of the species-group are listed. I am particularly indebted to T. H. G. Aitken, J. Brunhes, R. Hochman, P. F. Mattingly, and H. Sollers-Riedel for pertinent information.

Introduction

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1. The new taxa listed in this supplement and taxonomic changes that have occurred place the number of valid genera and subgenera at 127, the number of valid species becomes 2,840, and the total number of names of the species-group increases to 4,505.

Systematic Arrangement

7. The subgenus *Soperia* has been sunk as a synonym of the subgenus *Howardina*. The name *Neomacleaya* has been resurrected as a valid subgenus of *Aedes*. *Eubonnea* and *Aedinus* Bourroul are deleted and *Aedinus* Lutz, *Tinolestes*, *Micraedes* and *Anoedioporpa* have been resurrected as valid subgenera of *Culex*.

Catalog of the Family Culicidae

9. **Biology.**—1969, Mattingly, 1–184 (disease transmission).
Taxonomic Anatomy.—1967. Mohrig, 67–100 (female terminalia, Aedini).

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[1] Reprints are for sale by the Thomas Say Foundation, Entomological Society of America, 4603 Calvert Road, College Park, Maryland 20740.

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Australasian Region.—1968a, Belkin, 1–182 (New Zealand).
Neotropical Region.—1966, Cova Garcia, Sutil, and Rausseo, 1–410 and 1–413 (Toxorhynchitinae and Culicinae, Venezuela).
Palaearctic Region.—1969, Mohrig, 1–260 (Germany).

Genus ANOPHELES Meigen

11. *Important references:* 1968, Gillies and de Meillon, 1–343 (Ethiopian Region); 1968, Hinton, 495–508 (eggs); 1968, Reid, 1–520 (Malaya and Borneo).

Subgenus ANOPHELES Meigen

Important reference: Zavortink, 1970, 1–35 (New World treehole spp.).

13. **acaci** Baisas.—Change "PBH" to "NE."
africanus Theobald.—Transfer to p. 287 as rejected name.
14. var. **borneensis** McArthur.—Transfer to p. 16 as valid species.
albotaeniatus (Theobald).—Reid, 1968, 143 (♂*, ♀*, P*, L*, E*).
anchietai Correa and Ramalho.—Brazil.
1968. Rev. Malar. e Doencas trop. 20: 115 (♂*, ♀*, P*, L*). Type-loc: Butantan e Cangaíba, São Paulo, Brazil (FH).
ssp. **interruptus** Puri.—Transfer to p. 21 as valid species.
arboricola Zavortink.—Panama.
1970. Contr. Amer. ent. Inst. 5(2): 14 (♂*, L*; as *arboricolus*). Type-loc: "Bajo Grande" near Cerro Punta, Chiriqui, Panama (USNM).
15. **asiaticus** Leicester.—Delete parentheses around author's name and change original reference to: 1903. J. trop. Med. 6: 291 (A). Type data presumably the same as for 1904 reference. Reid, 1968, 196 (♂, ♀*, P*, L*, E*).
atroparvus Van Thiel.—Bianchi, 1968, 221 (new status).
baezai Gater.—Reid, 1968, 165 (♂*, ♀*, P*, L*, E*).
gateri Baisas. Change "PBH" to "NE; paratype USNM."
barberi Coquillett.—Delete "Mexico (Sonora)." Zavortink, 1970, 7 (♂*, ♀*, P*, L*).
16. **bengalensis** Puri.—Ryukyu Islands. Reid, 1968, 245 (♂, ♀, P*, L*, E*).
borneensis McArthur.—Reid, 1968, 245 (♂*, ♀, P*, L*, new status).
brevipalpis Roper.—Reid, 1968, 169 (♂*, ♀*, P*, L*, E*).
caliginosus de Meillon.—Gillies and de Meillon, 1968, 38 (♀*, new status.).
17. var. **tenebrosus** Dönitz.—Transfer with synonym to p. 29 as valid species.
var. **ziemanni** Grünberg.—Transfer to p. 30 as valid species.
ssp. **caliginosus** de Meillon.—Transfer to p. 16 as valid species.
19. **gigas** Giles.—Reid, 1968, 215 (♂*, ♀*, P*, L*, E*).
20. **indiensis** Theobald.—Reid, 1968, 98 (♂*, ♀*, P*, L*, E*).
21. **interruptus** Puri.—Reid, 1968, 203 (♂*, ♀*, P*, L*, E*, new status).
judithae Zavortink.—United States (Arizona), Mexico (Sonora).
1969. Contr. Amer. ent. Inst. 4(4): 28 (♂*, ♀, P*, L*). Type-loc: Cochise Stronghold Recreation Area, Dragoon Mountains, Cochise Co., Arizona (USNM).
ssp. **atroparvus** Van Thiel.—Transfer with synonyms to p. 21 as valid species.
lesteri Baisas and Hu.—Change "PBH" to "NE."

letifer Sandosham.—Reid, 1968, 173 (♂*, ♀*, P*, L*, E*).

22. ssp. **messeae** Falleroni.—Transfer to p. 23 as valid species.
ssp. **melanoon** Hackett.—Transfer to p. 23 as valid species.

23. *subalpinus* Hackett and Lewis.—Place below as ssp. of *melanoon*.
melanoon Hackett.
ssp. **subalpinus** Hackett and Lewis.
messeae Falleroni.
montanus Stanton and Hacker.—Reid, 1968, 148 (♂*, ♀*, P*, L*, E*).

24. *williamsoni* Baisas and Hu.—Change "LU" to "NE."

25. **powderi** Zavortink.—Costa Rica.
1970. Contr. Amer. ent. Inst. 5(2): 17 (♀*. P*). Type-loc: 10 km se of La Sierra, San Jose, Costa Rica (USNM).

27. **pseudosinensis** Baisas.—Change "PBH" to "NE; paratypes USNM."
pursati Laveran.—Supplement III, insert "E."

28. **separatus** (Leicester).—Reid, 1968, 187 (♂*, ♀*, P*, L*, E*).

29. **tenebrosus** Dönitz.—Gillies and de Meillon, 1968, 42 (♀*, P).
umbrosus (Theobald).—Reid, 1968, 156 (♂*, ♀*, P*, L*, E*).

30. **xelajuensis** de Leon.—Zavortink, 1970, 15 (♂*, ♀*, P*, L*).
ziemanni Grünberg.—Gillies and de Meillon, 1968, 42 (♀*, E*).

Subgenus CELLIA Theobald

37. *Calvertia* Ludlow.—Change "Bourguignet" to "Bourguignat."
brahmachari Christophers.—Cange to "*brahmacharii*."

39. **arnoulti** Grjebine.—Madagascar.
1966. Theses Univ. Dijon: 223 (L*). Type-loc: Andamazaotra Forest near Perinet, E. Madagascar (MNHP).
aruni Sobti.—Zanzibar.
1968. Bull. Wld Hlth Org. 38: 481 (♂*, ♀). Type-loc: Kaburi Kikombe, Zanzibar, Tanzania (BM).
aurirostris (Watson).—Reid, 1968, 252 (♂*, ♀*, P*, L*, E*).
balabacensis Baisas.—Change "PBH" to "NE: paratypes USNM." Reid, 1968, 291 (♂*, ♀*, P*, L*, E*).
bervoetsi D'Haenans.—Wanson and Berteaux, 1954, 33 (L*, as *mortiauxi*); Gillies and de Meillon, 1968, 100 (♀*, L*, new status).
brohieri Edwards.—Gillies and de Meillon, 1968, 158 (♀*, L*; syn.).
masseguini Hamon.
gilroyi Service.

40. **caroni** Adam.—Pajot and Adam, 1964, 626 (♂*, ♀*, P*, L, E*).
carteri Evans and de Meillon.—Rhodesia. Gillies and de Meillon, 1968, 185 (♀*, L, new status).
cavernicola Abonnenc.—Transfer to p. 54 as synonym of *smithii*.
confusus Evans and Leeson.—Gillies, 1962, 81 (new status).
cordurieri Grjebine.—Madagascar.
1966. Theses Univ. Dijon: 378 (L*). Type-loc: Bevilamy, Fort Dauphin, E. Madagascar (MNHP).

41. *punjabensis* James.—Insert "as var." after "*Myzomyia*."
cydippis de Meillon.—Gillies and de Meillon, 1968, 253 (♂, ♀*, P, L*, E*; new status).
dancalicus Coradetti.—Mara, 1948, 76 (E*).

var. **carteri** Evans and de Meillon.—Transfer to p. 40 as valid species.
var. **ugandae** Evans.—Transfer to p. 58 as ssp. of *wellcomei.*
domicola Edwards.—Gillies and de Meillon, 1968, 107 (♀*, L*, syn.).
gingeroi Coradetti and Archetti.
dureni Edwards.

42. ssp. **millecampsi** Lips.—Congo.
1960. Riv. di Parasit. 21: 39 (♀, E*). Type-loc: Lubumbashi, Katanga Prov., Congo (BM) (Remove from Suppl. II, p. 288).
fontinalis Gillies and de Meillon.—South West Africa.
1968. S. Afr. Inst. med. Res. Publ. 54: 115 (♀*). Type-loc: Zesfontein, Kaokoveld, South West Africa (BM).

43. var. **fuscivenosus** Leeson.—Place before *gambiae* as valid species.
var. **confusus** Evans and Leeson.—Transfer to p. 40 as valid species.
fuscivenosus Leeson.—Delete Angola. Gillies and de Meillon, 1968, 146 (♂, ♀*, new status).

44. **garnhami** Edwards.—Gillies and de Meillon, 1968, 187 (♂*, ♀*, P, L*, E*; syn.).
ssp. **basilewskyi** Leleup.—Change to *basilewskyi.*
gibbinsi Evans.—Gillies and de Meillon, 1968, 160 (♂*, ♀*, P, L*, E*; new status, syn.).
kibena Peters.
gingeroi Coradetti and Archetti.—Transfer to p. 41 as synonym of *domicola.*
var. **brohieri** Edwards.—Restore to p. 39 as valid species.
var. **masseguini** Hamon.—Transfer to p. 39 as synonym of *brohieri.*
var. **gilroyi** Service.—Transfer to p. 39 as synonym of *brohieri.*
hellenicus Peus.—Transfer to p. 55 as synonym of *superpictus.*

45. **indefinitus** (Ludlow).—Reid, 1968, 334 (♀*, P*, L*, E*).
jamesii Theobald.—Reid, 1968, 369 (♂*, ♀*, P*, L*, E*).
kibena Peters.—Transfer to p. 44 as synonym of *gibbinsi.*

46. **leucosphyrus** Dönitz.—Reid, 1968, 280 (♂*, ♀*, P*, L*, E*).

47. **ludlowae** (Theobald).—Urbino, 1936, 267 (E*).
ssp. **cabrerai** Darsie and Ramos.—Philippines.
1969. Manual of Malaria Entomology, Ed. 2: 34 (A). Type-loc: Philippines (LU). Prepublication of MS name.

48. **mangyanus** (Banks).—Change "NY" to "NE."
marshallii (Theobald).—Gillies and de Meillon, 1968, 152 (♂*, ♀*, P, L*, E*; syn.).
var. **pitchfordi** (Giles).—Change to *pitchfordi.*
var. **gibbinsi** Evans.—Transfer to p. 44 as valid species.
var. **mousinhoi** de Meillon and Pereira.—Transfer to p. 49 as valid species.
melas (Theobald).—Suppl. III, Change 275 to 204–227 (♂*, P, L, E*).
merus Dönitz.—Suppl. III, change 225 to 204–227 (♂*, P, L, E*).

49. **michaeli** de Meillon and Leeson.—Transfer to p. 54 as synonym of *schwetzi.*
minimus Theobald.—Reid, 1968, 314 (♂*, ♀*, P*, L*, E*).
mortiauxi Edwards.—Transfer Wanson and Berteaux reference to *bervoetsi,* p. 39.
ssp. **bervoetsi** D'Haenans.—Transfer to p. 39 as valid species.

mousinhoi de Meillon and Pereira.—Gillies and de Meillon, 1968, 168 (♂*, ♀*, P, L*, new status).

50. **murphyi** Gillies and de Meillon.—Gambia, Upper Volta.
1968. S. Afr. Inst. med. Res. Publ. 54: 253 (♂, ♀, P, L, E). Type-loc: Keneba, Gambia (BM).

natalensis (Hill and Hayden).—Gillies and de Meillon, 1968, 107 (♂*, ♀*, P, L*; syn.).

var. **multicinctus** Edwards.—Change to *multicinctus*.

ssp. **somalicus** Rivola and Holstein.—Transfer to p. 54 as valid species.

nivipes Theobald.—Malaya. Reid, 1967, 175 (♂*, P*, L*, resurrected from syn.).

51. **philippinensis** Ludlow.—Reid, 1967, 175 (♂*, P*, L*; taxon.).

53. **riparis** King and Baisas.—Reid, 1968, 305 (♂, ♀*, P*, L*).

rufipes (Gough).—Gillies and de Meillon, 1968, 244 (♂*, ♀*, P, L*, E*; syn.).

var. **ingrami** Edwards.—Change to *ingrami*.

ssp. **broussesi** Edwards.—Gillies and de Meillon, 1968, 246 (♀*; syn.).

ssp. **seneveti** Rioux.—Change to *seneveti*.

var. **brucechwatti** Hamon, Taufflieb and Dyemkouma.—Change to *brucechwatti*.

54. **schwetzi** Evans.—Gillies and de Meillon, 1968, 152 (♂*, ♀*, P, L*, E*; new status, syn.).

michaeli de Meillon and Leeson.

smithii Theobald.—Gillies and de Meillon, 1968, 53 (♂*, P, L*; syn.).

ssp. **rageaui** Mattingly and Adam.—Change to *rageaui*.

cavernicolus Abonnenc.

somalicus Rivola and Holstein.—Gillies and de Meillon, 1968, 87 (♂*, P*, L*; new status).

55. var. **cydippis** de Meillon.—Transfer with synonym to p. 41 as valid species.

stephensi Liston.—Egypt.

sundaicus (Rodenwaldt).—Reid, 1968, 343 (♂*, ♀*, P*, L*, E*).

superpictus Grassi.—Mattingly (in litt., syn.).

hellenicus Peus.

56. **tessellatus** Theobald.—Reid, 1968, 257 (♂*, ♀*, P*, L*, E*).

57. **upemba** Lips.—Congo.
1960 Riv. di Parassit. 21: 303 (♀; validated by citation to Mattingly, 1955 [Parc National de l'Upemba, I. Mission G. F. de Witte, 32 (3): 50]). Type-loc: Lusinga, Upemba National Park, Katanga, Congo (BM).

58. **vernus** Gillies and de Meillon.—South Africa.
1968. S. Afr. Inst. med. Res. Publ. 54: 89 (♀*). Type-loc: Giant's Castle Res., Drakensberg Mts., Natal, South Africa (BM).

var. **schwetzi** Evans.—Transfer to p. 54 as valid species.

var. **milesi** de Meillon and Evans.—Transfer below as synonym of *wellcomei ugandae*.

watsonii (Leicester).—Reid, 1968, 270 (♂*, ♀*, P*, L*).

wellcomei Theobald.

ssp. **ugandae** Evans.—Gillies and de Meillon, 1968, 176 (♀*; syn.).

var. **milesi** de Meillon and Evans.—Change to *milesi*.

Genus TOXORHYNCHITES Theobald
Subgenus LYNCHIELLA Lahille

59. **cavalierii** García and Casal.—Argentina.
1967. Physis 26: 436 (♀, P*, L*). Type-loc: Hosteria Ruffino, Puerto Iguazú, Misiones, Argentina (INM).

Subgenus TOXORHYNCHITES Theobald

62. **amboinensis** (Doleschall).—Hawaiian Islands. Steffan, 1968, 150 (♂*, ♀, P*, L*; syn.).
subulifer Doleschall.
63. **christophi** (Portschinsky).—Change original reference to: 1881. Horae Soc. ent. ross. 16: 273.
gigantulus (Dyar and Shannon).—Berlin, 1969b, 21 (♂*, ♀, P*, L*).
64. **phytophagus** Theobald.—Change original reference to: 1909. Colon Rep. misc. Ser. No. 237: 1.
splendens (Weidemann).—Delete Hawaiian Islands.
65. ssp. **subulifer** (Doleschall).—Transfer with synonym to p. 62 as synonym of *amboinensis*.

Genus TRIPTEROIDES Giles
Subgenus TRIPTEROIDES Giles

66. **bambusa** (Yamada).—Delfinado and Hodges, 1968, 371 (♂*).
67. **cheni** Lien.—Taiwan.
1968. Trop. Med. 10: 2 (♂*, ♀, P*, L*). Type-loc: Yayu, Hongtou Village, Lanyu Island, Taiwan (TMRI).
denticulatus Delfinado and Hodges.—Malaya.
1968. Proc. ent. Soc. Wash. 70: 362 (♂*, P*, L*). Type-loc: Pulau Tiga, Lower Perak, Malaya (BM).
68. **malayi** Delfinado and Hodges.—Malaya.
1968. Proc. ent. Soc. Wash. 70: 368 (♂*, P*, L*). Type-loc: 20 mi. Pahang Rd., Kuanta, Gunong Tabu, Trengganu, Malaya (BM).
70. **similis** (Leicester).—Delfinado and Hodges, 1968, 371 (♂*).
tarsalis Delfinado and Hodges.—Malaya.
1968. Proc. ent. Soc. Wash. 70: 372 (♂*, ♀, P*, L*). Type-loc: Frasers Hill, W. Pahang, Malaya (BM).
vicinus (Edwards).—Delfinado and Hodges, 1968, 371 (♂*).

Genus TRICHOPROSOPON Theobald
Subgenus RUNCHOMYIA Theobald

77. **simile** Lane and Cerqueira.—Xavier and Mattos, 1967, 618 (P*, L*).

Genus WYEOMYIA Theobald
Subgenus WYEOMYIA Theobald

adelpha Dyar and Knab.—Mexico, Costa Rica, Panama. Stone 1969, 3 (resurrection and syn.).
ablabes Dyar and Knab.
rolonca Dyar and Knab.

79. **medioalbipes** Lutz.—Bruijning, 1959, 103 (♂*, ♀, P*, L*; syn.).
mitchellii (Theobald).
jamaicensis (Theobald).
ochrura Dyar and Knab.
telestica Dyar and Knab.
violescens Dyar and Knab.
glaucocephala Dyar and Knab.
antoinetta Dyar and Knab.
fallax Bonne-Wepster and Bonne.
quasiluteoventralis var. *colsoni* Senevet and Quiévreux.

80. **mitchellii** (Theobald).—Transfer with *jamaicensis, ochrura, violescens, glaucocephala* and *antoinetta* to p. 79 as synonym of *medioalbipes.*
adelpha Dyar and Knab.—Transfer to p. 77 as valid species, with *ablabes* and *rolonca* as synonyms.
fallax Bonne-Wepster and Bonne.—Transfer to p. 79 as synonym of *medioalbipes.*

81. var. **colsoni** Senevet and Quiévreux.—Insert "*" after "♂"; transfer to p. 79 as synonym of *medioalbipes.*
telestica Dyar and Knab.—Transfer to p. 79 as synonym of *medioalbipes.*

Genus SABETHES Robineau-Desvoidy
Subgenus SABETHES Robineau-Desvoidy

91. **albiprivus** Theobald.—Forattini, Leon and Rabelo, 1965, 449 (P*, L*; syn.).
purpureus Theobald.
purpureus Peryassú.
remipusculus Dyar.

92. **forattinii** Cerqueira.—Forattini and Toda, 1967, 103 (P*, L*).
purpureus Theobald.—Transfer with synonyms to p. 91 as synonyms of *albiprivus.*

Subgenus SABETHINUS Lutz

93. **aurescens** (Lutz).—Forattini, Leon and Rabello, 1965, 455 (P*, L*).
identicus Dyar and Knab.—Forattini, Leon and Rabello, 1965, 460 (P*, L*).

Genus MALAYA Leicester

95. **trichorostris** (Theobald).—Change original reference to: 1909. Colon. Rep. misc. Ser. 237: 23, and *Harpagomyia* to *Grahamia.*

Genus TOPOMYIA Leicester

96. **pseudobarbus** Baisas.—Change "PBH" to "NE; paratypes USNM."

Genus FICALBIA Theobald
Subgenus RAVENALITES Doucet

100. **kiriromi** Klein.—Cambodia.
1969. Proc. ent. Soc. Wash. 71: 215 (♂*, ♀*). Type-loc: O Tachat, Kirirom Hills, Kompong Speu Province, Cambodia (USNM).

Genus COQUILLETTIDIA Dyar
Subgenus AUSTROMANSONIA Belkin

101. **Coquillettidia,** subgenus **Austromansonia** Belkin. 1968. Contr. Amer. ent. Inst. 4(1): 76. Orthotype: *Taeniorhynchus* (*Coquillettidia*) *tenuipalpis* Edwards.
tennipalpis (Edwards).—Belkin, 1968, 76 (♂*, ♀*, P*).

Subgenus COQUILLETTIDIA Dyar

aureosquammata (Ludlow).—Malaya.
102. **iracunda** (Walker).—Belkin, 1968, 78 (♂, ♀, P*).
103. **novochracea** (Barraud).—Change "M." to "J."
104. **tenuipalpis** (Edwards).—Transfer to p. 101 in subgenus *Austromansonia.*

Genus URANOTAENIA Lynch Arribálzaga

109. var. **apicotaeniata** Theobald.—Change original reference to: 1909. Colon. Rep. Misc. Ser. No. 237: 21.
arguellesi Baisas.—Change "PBH" to "NE; paratypes USNM."
110. **bilineata** Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 21.
bimaculata Leicester.—Insert "P*" after first "♀*" in line 5.
112. *delae* Baisas.—Change "PBH" to "NE."
113. **heiseri** Baisas.—Change "PBH" to "NE."
husaini Qutubuddin.—Insert "*" after "♂."
114. **lagunensis** Baisas.—Change "PBH" to "NE."
115. **lui** Lien.—Taiwan.
1968. Trop. Med. 10: 9 (♂*, ♀, P*, L*). Type-loc: Chihtuan of Loswei village, Tatung, Ilan Hsien, Taiwan (TMRI).
macfarlanei Edwards.—Insert "P*" after "♂*" in line 3.
mendiolai Baisas.—Change "PBH" to "NE; paratypes USNM."
116. *bimaculata* Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 22.
nii Lien.—Taiwan.
1968. Trop. Med. 10: 10 (♂*, P*, L*). Type-loc: Aoshenshui, Yenchao, Kaohsiung Hsien, Taiwan (TMRI).
117. **ornata** Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 22.
118. **pylei** Baisas.—Change "PBH" to "NE."
reyi Baisas.—Change "PBH" to "NE; paratypes USNM."
120. **tubanguii** Baisas.—Change "PBH" to "NE; paratypes USNM."

Genus HODGESIA Theobald

cyptopus Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 25.

Genus ORTHOPODOMYIA Theobald

122. *Important reference:* 1968, Zavortink, 1–221.
albicosta (Lutz).—Zavortink, 1968, 66 (♂*, ♀*, P*, L*).
anopheloides (Giles).—Zavortink, 146 (♂*, ♀*, P*, L*; syn.).

ssp. **maculata** Theobald.—Change to *maculata.*
maculipes Theobald.
lemmonae Thurman.

arboricollis (Charmoy).—Zavortink, 1968, 102 (♂*, ♀, L*).

123. **bacigalupoi** Martinez and Prosen.—Place below as synonym of *fascipes.*
californica Bohart.—Transfer to p. 124 as synonym of *signifera.*
fascipes (Coquillett).—Zavortink, 1968, 75 (♂*, ♀, P*, L*; syn.).
bacigalupoi Martinez & Prosen.
lanyuensis Lien.—Taiwan.
1968. Trop. Med. 10: 4 (♂*, ♀, P*, L*). Type-loc: south of Hongtou, Lanyu Island, Taitung Hsien, Taiwan (TMRI).
lemmonae Thurman.—Transfer to p. 122 as synonym of *anopheloides.*
maculipes Theobald.—Transfer to p. 122 as synonym of *anopheloides.*
madrensis Baisas.—Change "PBH" to "NE."
milloti Doucet.—Zavortink, 1968, 97 (♂*, ♀, L*).
papuensis Zavortink.—Indonesia, New Guinea, Australia.
1968. Contrib. Amer. ent. Inst. 3(2): 139 (♂*, ♀, P*, L*). Type-loc: Finschhafen, New Guinea (USNM).
phyllozoa (Dyar and Knab.).—Nicaragua. Zavortink, 1968, 84 (♂*, ♀*, P*, L*).

124. **siamensis** Zavortink.—Thailand.
1968. Contrib. Amer. ent. Inst. 3(2): 126 (♂*, ♀, P*, L*). Type-loc: Thailand (USNM).
signifera (Coquillett).—Zavortink, 1968, 35 (♂*, ♀*, P*, L*; syn.).
californica Bohart.
vernoni Someren.—Zavortink, 1968, 96 (♂*, L).
waverleyi (Grabham).—Zavortink, 1968, 31 (♂*, ♀*, P*, L*; resurrected from syn.).

Genus PSOROPHORA Robineau-Desvoidy

125. *Important reference:* 1969, Barr and Barr, 1–20 (key to pupae).

Subgenus JANTHINOSOMA Lynch Arribálzaga

127. **circumflava** Cerqueira.—Supplement III. Change "P*" to "♀*."
cyanescens (Coquillett).—Barr and Barr, 1969, 6 (P*).

128. **horrida** (Dyar and Knab).—Barr and Barr, 1969, 7 (P).
longipalpus Randolph and O'Neill.—Barr and Barr, 1969, 7 (P*).
varipes (Coquillett).—Barr and Barr, 1969, 8 (P).

Subgenus GRABHAMIA Theobald

130. **discolor** (Coquillett).—Barr and Barr, 1969, 9 (P*).
insularia (Dyar and Knab).—Barr and Barr, 1969, 10 (P*).
pygmaea (Theobald).—Barr and Barr, 1969, 10 (P*).
signipennis (Coquillett).—line 4, insert "P*"; Barr and Barr, 1969, 9 (P).

Genus HEIZMANNIA Ludlow

131. **chengi** Lien.—Taiwan.
1968. Trop. Med. 10: 137 (♂*, ♀*, P*, L*). Type-loc: Peiyuan, Tungho Township, Taitung Hsien, Taiwan (TMRI).

cheni Lien.—Taiwan.

1968. Trop. Med. 10: 135 (♂*, ♀*, P*, L*). Type-loc: Fengchihu, Chuchi Township, Chiai Hsien, Taiwan (TMRI).

132. **nivirostris** Lien.—Taiwan.

1968. Trop. Med. 10: 139 (♂*, ♀*, P*, L*). Type-loc: Laitou, Fanlu, Chiai Hsien, Taiwan (TMRI).

taiwanensis Lien.—Taiwan.

1968. Trop. Med. 10: 141 (♂*, ♀*, P*, L*). Type-loc: Kuantzulin, Paiho Township, Tainan Hsien, Taiwan (TMRI).

Genus MATTINGLYIA Lien

Mattinglyia Lien 1968, Trop. Med. 10: 128. Orthotype: *catesi* Lien.

catesi Lien.—Taiwan.

1968. Trop. Med. 10: 130 (♂*, P*, L*). Type-loc: Yuehmei, Sanlin, Kaohsiung Hsien, Taiwan (TMRI).

Genus ERETMAPODITES Theobald

133. **brottesi** Rickenbach.—Cameroun.

1966. Bull. Soc. Path. exot. 59: 374 (♂*). Type-loc: Ayéné, Yaoundé, Cameroun (IERT).

caillardi Rickenbach, Ferrara and Eouzan.—Cameroun.

1967. (1968). Bull. Soc. ent. France 72: 297 (♂*). Type-loc: Ototomo, Cameroun (IERT).

134. **salauni** Rickenbach, Ferrara and Eouzan.—Cameroun.

1967 (1968). Bull. Soc. ent. France 72: 299 (♂*). Type-loc: Ototomo, Cameroun (IERT).

Genus AEDES Meigen

135. *Important references:* 1968b, Huang, 169–188 (key subgenera Papuan Region); 1967, Myers, 195–807 (key to eggs, California and Nevada); 1969, Smith, 41–51 (key to larvae, New England).

Subgenus MUCIDUS Theobald

alternans (Westwood).—Pillai, 1962, 212 (E*).

136. **grahamii** Theobald.—Change original reference to: 1909, Colon. Rep. misc. Ser. No. 237: 2.

Subgenus OCHLEROTATUS Lynch Arribálzaga

139. **bieristatus** Thurman and Winkler.—Myers, 1967, 798 (E*).

140. **cacothius** Dyar.—Transfer to p. 157 as synonym of *ventrovittis*.

campestris Dyar and Knab.—Myers, 1967, 799 (E*).

canadensis (Theobald).—Horsfall and Craig, 1956, 372 (E*).

142. **communis** (De Geer).—Craig and Horsfall, 1958, 855 (E*).

143. **desertieola** Zavortink.—United States (California).

1969. Contr. Amer. ent. Inst. 5(1): 1 (♂*, ♀, P*, L*). Type-loc: 5 mi. sw of Littlerock, San Gabriel Mts., Los Angeles Co., California (USNM).

144. **dorsalis** (Meigen).—Myers, 1967, 799 (E*).
145. **fitchii** (Felt and Young).—Craig and Horsfall, 1958, 855 (E*).
147. **hexodontus** Dyar.—Craig and Horsfall, 1958, 854 (E*).
increpitus Dyar.—Myers, 1967, 799 (E*).
148. **melanimon** Dyar.—Myers, 1967, 803 (E*).
149. **montchadskyi** Dubitsky.—U.S.S.R.
1968. Parasitologiya 2: 218 (♂*, ♀*, L*). Type-loc: Ili River Basin, Alma Ata, Kazakh, U.S.S.R. (KZI).
nigromaculis (Ludlow).—Myers, 1967, 798 (E*).
niphadopsis Dyar and Knab.—Myers, 1967, 804 (E*).
150. **oligopistus** Dyar. Xavier, 1967, 227 (P*, L*).
pullatus (Coquillett).—Myers, 1967, 798 (E*).
152. **rhyacophilus** Lima.—Lane, 1953 (♂*, ♀, P*, L*).
153. **schizopinax** Dyar.—Myers, 1967, 804 (E*).
serratus (Theobald).—Xavier and Mattos, 1967, 617 (P*).
154. **sierrensis** (Ludlow).—Myers, 1967, 805 (E*).
spencerii idahoensis (Theobald).—Myers, 1967, 805 (E*).
squamiger (Coquillett).—Myers, 1967, 798 (E*).
156. **thibaulti** Dyar and Knab.—Canada.
157. **varipalpus** (Coquillett).—Myers, 1967, 806 (E*).
ventrovittis Dyar.—Myers, 1967, 806 (E*); Nielsen, 1969 (1970), 530 (syn.).
cacothius Dyar.

Subgenus FINLAYA Theobald

158. *Important reference:* 1968, Knight, 1–45 (keys, *chrysolineatus* group).
abadsantosi Baisas.—Change "PBH" to "NE." Transfer to p. 170 as synonym of *rizali.*
160. **aureostriatus** (Doleschall).
ssp. **okinawanus** Bohart.—Lien, 1968, 225 (new status).
ssp. **taiwanus** Lien.—Taiwan.
1968. Trop. Med. 10: 223 (♂*, ♀*, P*, L*). Type-loc: Mashihshih, Taiwu, Pingtung Hsien, Taiwan (TMRI).
bugosi Baisas.—Change "PBH" to "NE." Transfer to p. 170 as synonym of *rizali.*
161. **chungi** Lien.—Taiwan.
1968. Trop. Med. 10: 100 (♂*, ♀, P*, L*). Type-loc: Fengchihu, Chuchi, Chiai Hsien, Taiwan (TMRI).
crossi Lien.—Taiwan.
1967. Trop. Med. 9: 177 (♂*, ♀*, P*, L*). Type-loc: between Tashan and Alishan, Wufeng, Chiai County, Taiwan (TMRI).
elsiae (Barraud).
ssp. **vicarius** Lien.—Taiwan.
1968. Trop. Med. 10: 218 (♂*, ♀*, P*, L*). Type-loc: Chuchi, Chiai Hsien, Taiwan (TMRI).
162. **aranetana** Banks.—Change Baisas 1946 to 1946b.
formosensis Yamada.—Malaya, Thailand. Knight, 1968, 10 (♂*, ♀*, P, L*; syn.).
pallirostris Edwards.

163. **harveyi** (Barraud.—Viet Nam, Malaya, Taiwan.
var. **nigrorhynchus** Brug.—Transfer to p. 167 as valid species.
164. **hurlbuti** Lien.—Taiwan.
1967. Trop. Med. 9: 179 (♂*, ♀*, P*, L*). Type-loc: between Hsinkaokou and Alishan, Wufeng, Chiai County, Taiwan (TMRI).
jngraensis (Leicester).—Knight, 1968, 19 (♂*, ♀*, P, L*).
166. **loi** Lien.—Taiwan.
1968. Trop. Med. 10: 98 (♂*, ♀, P*, L*). Type-loc: Fengchihu, Chuchi, Chiai Hsien, Taiwan (TMRI).
167. **mohani** Knight.—India.
1969. J. Kansas ent. Soc. 42: 382 (♂*, ♀, P, L*). Type-loc: Coonoor, Nilgiri Hills, Madras State, India (USNM).
nigrorhynchus Brug.—Knight, 1968, 20 (♂, ♀; new status).
niveus (Ludlow).—Insert, "in Theobald" after "1903."
ssp. **leonis** Colless.—Change "Pualu" to "Pulau."
168. **okinawanus** Bohart.—Transfer to p. 160 as ssp. of *aureostriatus*.
omorii Lien.—Taiwan.
1968. Trop. Med. 10: 105 (♂*, ♀, P*, L*). Type-loc: Chungmin, Yuchih, Nantou Hsien, Taiwan (TMRI).
pallirostris Edwards.—Transfer to p. 162 as synonym of *formosensis*.
169. **pulchriventer** (Giles).
ssp. **alius** Lien.—Taiwan.
1968. Trop. Med. 10: 221 (♂*, ♀*, P*, L*). Type-loc: Lishan, Hoping, Taichung Hsien, Taiwan (TMRI).
170. **rizali** (Banks).—Knight, 1968, 22 (♂*, ♀*, P, L*; syn.).
abadsantosi Baisas.
burgosi Baisas.
saxicola Edwards.—Borneo. Knight, 1968, 25 (♂*, ♀, P*, L*).
shintienensis Tsai and Lien.—Supplements II and III erroneously spelled *shintiensis*.
172. **watteni** Lien.—Taiwan.
1968. Trop. Med. 10: 103 (♂*, ♀, P*, L*). Type-loc: Chuanfanshih, Wolan, Hengchung, Pingtung Hsien, Taiwan (TMRI).

Subgenus SOPERIA Komp

173. **Aedes** subgenus **Soperia** Komp.—Place below as synonym of subgenus *Howardina*.
dominicii (Rangel and Romero Sierra).—Place below as synonym of *sexlineatus*.
pseudodominicii Komp.—Transfer to p. 174 as valid species.
tracei Senevet and Quiévreux.—Place below as synonym of *busckii*.
whitmorei Dunn.—Transfer to p. 174 in subgenus *Howardina*.

Subgenus HOWARDINA Theobald

Important reference: 1969a, Berlin, 1–190 (revision, syn.).

Aedes subgenus *Soperia* Komp.
albonotatus (Coquillett).—Delete Bahamas.
allotecnon Kumm, Komp and Ruiz.—Berlin, 1969a, 99 (♂*, ♀*, P*, L*).

aureolineatus Berlin.—Brazil.

1969. Contr. Amer. ent. Inst. 4(2): 25 (♂*, ♀*). Type-loc: Piraja, Bahia, Brazil (USNM).

aurites (Theobald).—Jamaica. Berlin, 1969a, 40 (♂*, ♀*, P*, L*; resurrected from synonymy).

aurivittatus Cerqueira.—Delete Argentina.

bahamensis Berlin.—Bahama Islands.

1969 Contr. Amer. ent. Inst. 4(2): 61 (♂*, ♀*, P*, L*). Type-loc: Hunter, Grand Bahama, Bahama Islands (USNM).

brevis Berlin.—Panama.

1969. Contr. Amer. ent. Inst. 4(2): 82 (♂*, ♀*, P*, L*). Type-loc: La Zorra, Chiriquisito, Chiriqui Grande, Boeas del Toro, Panama (USNM).

brevivittatus Berlin.—Ecuador.

1969. Contr. Amer. ent. Inst. 4(2): 116 (♂*, ♀*). Type-loc: Zorrocucho, Azuay, Ecuador (USNM).

buseckii (Coquillett).—Belkin, Schick and Heinemann, 1965, 33 (syn.); Berlin, 1969a, 65 (♂*, ♀*, P*, L).

tracei Senevet and Quiévreux.

cozumelensis Diaz Nájera.—British Honduras.

174. **delpontei** Martinez and Prosen.—Transfer below as synonym of *pseudodominicii.*

ecuadoriensis Berlin.—Ecuador.

1969. Contr. Amer. ent. Inst. 4(2): 115 (♂*, ♀*). Type-loc: Leon River, Saraguro, Azuay, Ecuador (USNM).

eleanorae Berlin.—Colombia.

1969. Contr. Amer. ent. Inst. 4(2): 105 (♂*, ♀*, P*, L*). Type-loc: Buritica, Antioquia, Colombia (USNM).

grabhami Berlin.—Jamaica.

1969. Contr. Amer. ent. Inst. 4(2): 42 (♂*, ♀*, P*, L*; syn.). Type-loc: near Hope Farm, Porus, Manchester, Jamaica (USNM).

aureostriatus Grabham.

guatemala Berlin.—Guatemala.

1969. Contr. Amer. ent. Inst. 4(2): 103 (♀*). Type-loc: Yepocapa, Chimeltenango, Guatemala (USNM).

guerrero Berlin.—Mexico.

1969. Contr. Amer. ent. Inst. 4(2): 102 (♀*, L*). Type-loc: 21 miles s. of Chilpancingo, Guerrero, Mexico (USNM).

inaequalis (Grabham).—Berlin, 1969a, 46 (♂*, ♀*, P*, L*).

aureostriata Grabham.—Place as synonym of *grabhami.*

aurites Theobald.—Transfer to p. 173 as valid species.

ioliota Dyar and Knab.—Berlin, 1969a, 54 (♂*, ♀*, P*, L*).

leei Berlin.—Bolivia, Colombia.

1969. Contr. Amer. ent. Inst. 4(2): 110 (♂*, ♀*, P*, L*). Type-loc: Parace, Huila, Colombia (USNM).

lorraineae Berlin.—Mexico.

1969. Contr. Amer. ent. Inst. 4(2): 80 (♀*, L*). Type-loc: Vivero Rancho Teja, Ixtlan de Juarez, Oaxaca, Mexico (USM).

marinkellei Berlin.—Colombia.

1969. Contr. Amer. ent. Inst. 4(2): 107 (♀*, P*, L*). Type-loc: Suba, Bogota, Cundinamarca, Colombia (USNM).

martinezi Berlin.—Argentina, Bolivia.

1969. Contr. Amer. ent. Inst. 4(2): 119 (♀*). Type-loc: La Caldera, Salta, Argentina (USNM).

osornoi Berlin.—Colombia, Venezuela.

1969. Contr. Amer. ent. Inst. 4(2): 112 (♂*, ♀*, P*, L*). Type-loc: "Chorro de Padilla," Rio San Francisco, Bogota, Cundinamarca, Colombia (USNM).

pseudodominicii Komp.—Argentina, Bolivia, Colombia. Berlin, 1969a, 96 (♂*, ♀*; resurrected from synonymy, syn.).

delpontei Martinez and Prosen.

quadrivittatus (Coquillett).—Delete Colombia, Venezuela, Ecuador, Bolivia.

sexlineatus (Theobald).—Ecuador; delete Bolivia. Berlin, 1969a, 87 (♂*, ♀*, P*, L*; syn.).

dominicii Rangel and Romero Sierra.

spinosus Berlin.—Costa Rica, Panama.

1969. Contr. Amer. ent. Inst. 4(2): 84 (♂*, ♀, P*, L*). Type-loc: near Cervantes, Cartago, Costa Rica (USNM).

stenei Thompson.—Berlin, 1969a, 49 (♂*, ♀*, P*, L*).

whitmorei Dunn.—Berlin, 1969a, 94 (♂*, ♀*, P*, L*).

Subgenus RHINOSKUSEA Edwards

178. **Aedes**, subgenus **Rhinoskusea** Edwards.—Change "Newstead" to "Leicester."

Subgenus STEGOMYIA Theobald

180. **albopictus** (Skuse).—Huang, 1968c, 297 (♂*, P*; neotype); change "US" to "USNM" in line 4.

181. **apicoargenteus** (Theobald).—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 3.

182. **demeilloni** Edwards.—Someren, 1946a: 113 (P*, L*, E*).

187. **scutellaris** (Walker).—Huang, 1969 (1970), 471–475 (♂*, topotype).

seato Huang.—Thailand.

1969. Proc. ent. Soc. Wash. 71: 234 (♂*, ♀, P, L*). Type-loc: Bangphra, Chon Buri, Thailand (USNM).

Subgenus AEDIMORPHUS Theobald

189. *Bathosomyia* Theobald.—Change "10" to "9."

Myxosquamus Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 7.

Neopecomyia Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 12.

Stenoscutus Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 7.

abnormalis (Theobald).—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 10.

191. **chamboni** Cornet.—Senegal.
1967 (1968). Bull. Soc. Path. exot. 60: 398 (♂*, ♀*). Type-loc: Saboya, Nioro du Rip, Senegal (IERT).
mediopunctata Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 18.
fuscopalpalis Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 18.
193. *albotaeniatus* Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 5.
195. *africanus* Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 8 (*non Stegomyia africana* Theobald, 1901).
oakleyi Stone.—Bohart and Ingram, 1946, 41 (♂*, ♀, P*, L).
196. **pampangensis** (Ludlow).—Change "(USNM)" to "(NE)."
punctothoracis (Theobald).—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 4.
197. *bipunctata* Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 5.
198. *uniannulata* Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 12.
vexans (Meigen).—Horsfall and Craig, 1956, 370 (E*).
199. **wainwrighti** Baisas.—Change "PBH" to "NE."

Subgenus NEOMELANICONION Newstead

201. **punctocostalis** (Theobald).—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 14.
taeniarostris (Theobald).—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 13.
chrysothorax Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 13.

Subgenus DICEROMYIA Theobald

202. **periskelatus** (Giles).—Khokhar and Tariq, 1966, 117 (♂*, ♀, P*, L*).
ramachandrai Reuben.—India.
1967. J. med. Ent. 4: 234 (♂*, ♀*). Type-loc: Musalimadagu Forest, Chattoor Distr., Andrha Pradesh, India (BM).

Subgenus PSEUDOARMIGERES Stone and Knight

203. **argenteoventralis** Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 24.
affinis Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 25.

Subgenus AEDES Meigen

204. *Neomacleaya* Theobald.—Transfer with *Aioretomyia* Leicester as a synonym to p. 210 as a valid subgenus.
adustus Lafoon.—Transfer to p. 210 as a synonym of *andamanensis* Edwards.

andamanensis Edwards and **atrius** Barraud.—Transfer to p. 210 in subgenus *Neomacleaya*.

azureosquamatus Bonne-Wepster and **bifoliatus** King and Hoogstraal.—Transfer to p. 209 in subgenus *Verrallina*.

205. **campylostylus** Laffoon, **cautus** Barraud, **clavatus** Barraud, **cyrtolabis** Edwards and **dermajoensis** Brug.—Transfer to p. 210 in subgenus *Neomacleaya*.

cinereus Meigen.—Craig and Horsfall, 1958, 854 (E*).

206. **dux** Dyar and Shannon, **fragilis** (Leicester), **hamistylus** Laffoon, **hirsutipleura** Barraud, **incertus** Edwards, **indecorabilis** (Leicester), **indicus** Theobald, **ishigakiensis** Bohart and **johnsoni** Laffoon.—Transfer to p. 210 in subgenus *Neomacleaya*.

foliformis King and Hoogstraal and **funereus** (Theobald).—Transfer to p. 209 in subgenus *Verrallina*.

207. **leicesteri** Edwards, **lugubris** Barraud, **macrodixoa** Dyar and Shannon, **margarsen** Dyar and Shannon, **nigrotarsis** (Ludlow) and **nubicola** Laffoon.—Transfer to p. 210 in subgenus *Neomacleaya*.

leilae King and Hoogstraal, **milnensis** King and Hoogstraal, **multifolium** King and Hoogstraal, **neomacrodixoa** King and Hoogstraal.—Transfer to p. 209 in subgenus *Verrallina*.

malayi (Leicester).—Transfer to p. 210 as synonym of *fragilis* (Leicester).

208. **panayensis** Ludlow, **parasimilis** King and Hoogstraal, **quadrifolium** Brug, **quadrispinatus** King and Hoogstraal and **reesi** King and Hoogstraal.—Transfer to p. 209 in subgenus *Verrallina*.

prioekanensis Brug, **pseudodiurnus** (Theobald) and **robertsi** Laffoon.—Transfer to p. 210 in subgenus *Neomacleaya*.

209. **sentanius** King and Hoogstraal, **similis** (Theobald), **simplus** King and Hoogstraal and **trispinatus** King and Hoogstraal.—Transfer to subgenus *Verrallina* below.

singularis (Leicester), **uncus** (Theobald), **vallistris** Barraud, **varietas** (Leicester) and **yusafi** Barraud.—Transfer to p. 210 in subgenus *Neomacleaya*.

Subgenus VERRALLINA Theobald

Species transferred to this subgenus are **azureosquamatus**, **bifoliatus**, **leilae**, **milnensis**, **quadrispinatus**, **reesi**, **simplus**, and the previously cataloged species listed below.

carmenti Edwards.—Huang, 1968a, 26 (♂*, ♀, P*, L*, E*).

embiensis Huang.—New Guinea.

1968. Pac. Ins. Mon. 17: 24 (♂*). Type-loc: Embi Lakes, Popondetta, New Guinea (BBM).

foliformis King and Hoogstraal.—Huang, 1968a, 26 (♂*, ♀, P*, L*).

funereus (Theobald).—Huang, 1968a, 29 (♂, ♀, P, L, E*).

killertonis Huang.—New Guinea.

1968. Pac. Ins. Mon. 17: 31 (♂*, ♀*). Type-loc: Cape Killerton, SE New Guinea (BBM).

lineatus (Taylor).—Delete Java; Huang, 1968a, 33 (♂*, ♀, P*, L*, E*).

multifolium King and Hoogstraal.—Huang, 1968a, 38 (♂*, ♀, P*, L*).

neomacrodixoa King and Hoogstraal.—Moluccas, Celebes. Huang, 1968a, 41 (♂*, ♀, P*, L*).

obsoletus Huang.—New Guinea.

1968. Pac. Ins. Mon. 17: 45 (♂*, ♀*). Type-loc: 3 km S. Vanapa River, Brown River Road, SE New Guinea (BBM).

panayensis Ludlow.—Borneo. Delfinado, 1968, 32 (♂*, ♀*).

parasimilis King and Hoogstraal.—Huang, 1968a, 48 (♀, P, L, E*).

quadrifolium Brug.—Huang, 1968a, 50 (♂*, ♀, P*, L*).

similis (Theobald).—Huang, 1968a, 56 (♂*, ♀, P*, L*).

trispinatus King and Hoogstraal.—Huang, 1968a, 60 (♂*, P*, L*).

vanapus Huang.—New Guinea.

1968. Pac. Ins. Mon. 17: 63 (♂*, ♀, P*). Type-loc: 3 km S. Vanapa River, Brown River Road, SE New Guinea (BBM).

variabilis Huang.—New Guinea.

1968. Pac. Ins. Mon. 17: 65 (♂*, ♀, P*, L*). Type-loc: 3 kms S. Vanapa River, Brown River Road, SE New Guinea (BBM).

Subgenus NEOMACLEAYA Theobald

210. Species transferred to this subgenus are: **hirsutipleura**, **nubicola**, **priockanensis**, **vallistris**, **virilis**, **yusafi** and the previously cataloged species listed below.

andamanensis Edward.—Thailand. Delfinado, 1967, 9 (♂*, ♀*, P*, L*; syn.).

adustus Laffoon.

atrius Barraud.—Thailand. Delfinado, 1967, 11 (♂*, ♀*, P*, L*).

campylostylus Laffoon.—Delfinado, 1968, 13 (♂*, ♀*, P*, L*).

cautus Barraud.—Thailand. Delfinado, 1967, 12 (♂*, ♀*).

clavatus Barraud.—Thailand. Delfinado, 1967, 13 (♂*, ♀*).

cretatus Delfinado.—Thailand.

1967. Contr. Amer. ent. Inst. 1(8): 14 (♂*, ♀*, P*, L*). Type-loc: Tham Pho Ti Yan, Khon Kaen, Thailand (USNM).

cyrtolabis Edwards.—Thailand. Delfinado, 1967, 16 (♂*, P*, L*).

dermajoensis Brug.—Thailand. Delfinado, 1967, 17 (♂*, P*).

dux Dyar and Shannon.—Delfinado, 1967, 18 (♂*, ♀*, P*, L*).

fragilis (Leicester).—Delfinado, 1968, 15 (♂*, ♀*; syn.).

malayi (Leicester).

gibbosus Delfinado.—Thailand, Malaya, Java.

1967. Contr. Amer. ent. Inst. 1(8): 20 (♂*, ♀*, P*). Type-loc: Haad Yai, Songkhla, Thailand (USNM).

hamistylus Laffoon.—Borneo. Delfinado, 1968, 16 (♂*, ♀*, P*).

hispidus Delfinado.—Thailand.

1967. Contr. Amer. ent. Inst. 1(8): 21 (♀*). Type-loc: Nong Bua Sampor, Udorn, Thailand (USNM).

incertus Edwards.—Thailand; delete "?New Guinea." Delfinado, 1967, 22 (♀*, P*, L*).

indecorabilis (Leicester).—Thailand. Delfinado, 1967, 25 (♀*, ♂*).

indicus (Theobald).—Thailand.

ishigakiensis Bohart.—Delfinado, 1968, 18 (♂*, ♀*, P*, L*).

johnsoni Laffoon.—Delfinado, 1968, 19 (♂*, ♀*, P*, L*).

latipennis Delfinado.—Thailand.

1967. Contr. Amer. ent. Inst. 1(8): 26 (♂*, ♀*, P*, L*). Type-loc: Nga Chang, Songkhla, Thailand (USNM).

leicesteri Edwards.—Borneo. Delfinado, 1968, 21 (♂*).

lugubris Barraud.—Malaya. Delfinado, 1968, 22 (♂*, ♀*).

macrodixoa Dyar and Shannon.—Delfinado, 1968, 23 (♂*, ♀*, L*).

margarsen Dyar and Shannon.—Delfinado, 1968, 25 (♂*, ♀*, P*, L*).

nigrotarsis (Ludlow).—Delfinado, 1968, 28 (♂*, ♀*, P*, L*).

notabilis Delfinado.—Thailand.

1967. Contr. Amer. ent. Inst. 1(8): 28 (♀*). Type-loc: Bang Lamung, Chon Buri, Thailand (USNM).

pahangi Delfinado.—Malaya.

1968. Contr. Amer. ent. Inst. 2 (4): 31 (♀*). Type-loc: Kuala Terengan, Pahang, Malaya (BBM).

philippinensis Delfinado.—Philippines.

1968. Contr. Amer. ent. Inst. 2(4): 33 (♂*, ♀*). Type-loc: Mahaplag, Leyte, Philippines (BBM).

protuberans Delfinado.—Thailand.

1967. Contr. Amer. ent. Inst. 1(8): 29 (♂*). Type-loc: Luang, Nakhon Si Thammarat, Thailand (USNM).

pseudodiurnus (Theobald).—Thailand.

rarus Delfinado.—Borneo.

1968. Contr. Amer. ent. Inst. 2(4): 35 (♂*). Type-loc: Tawau, North Borneo (BM).

robertsi Laffoon.—Delfinado, 1968, 35 (♂*, ♀*, L*).

siamensis Delfinado.—Thailand.

1968. Contr. Amer. ent. Inst. 2(4): 36 (♂*, ♀*, P, L*). Type-loc: Lampang, Ban Pong Tao, Thailand (USNM).

singularis (Leicester).—Delfinado, 1968, 38 (♂*, ♀*).

torosus Delfinado.—Thailand.

1967. Contr. Amer. ent. Inst. 1(8): 30 (♂*). Type-loc: Tham Pho Ti Yan, Khon Kaen, Thailand (USNM).

uncus (Theobald).—Java, Borneo, Assam. Delfinado, 1967, 30 (♂*, ♀*, P*).

varietas (Leicester).—Delfinado, 1968, 39 (♂*, ♀*).

Subgenus CANCRAEDES Edwards

penghuensis Lien.—Taiwan.

1968. Trop. Med. 10: 96 (♂*, ♀*, P*, L*). Type-loc: Kunpei, Huhsi Penghu Hsien, Taiwan (TMRI).

Subgenus LEPTOSOMATOMYIA Theobald

medialis Brug.—Transfer to p. 211 in subgenus *Huaedes*.

211. **variepictus** King and Hoogstraal.—Place below in subgenus *Huaedes*.

Subgenus HUAEDES Huang

Aedes, subgenus **Huaedes** Huang, 1968, J. med. Ent. 5: 169. Orthotype: *wauensis* Huang.

medialis Brug.

variepictus King and Hoogstraal.

wauensis Huang.—New Guinea.
1968. J. med. Ent. 5: 170 (♂*, ♀*, P*, L*). Type-loc: Wau, NE New Guinea (BBM).

Genus ARMIGERES Theobald
Subgenus ARMIGERES Theobald

213. **russelli** Baisas.—Change "PBH" to "NE."
214. **subalbatus** (Coquillett).
var. **chrysocorporis** Hsieh and Liao.—China.
1956. Acta ent. Sinica 6: 126 (♂*, ♀*, L*; *obturbans* var.). Type-loc: Amoy, China (LU).

Subgenus LEICESTERIA Theobald

215. **omissus** Edwards.—Insert "5" before ":76."
traubi Macdonald.—Suppl. I, change "20" to "29."

Genus HAEMAGOGUS Williston
Subgenus HAEMAGOGUS Williston

217. **aeritinctus** Galindo and Trapido.—British Honduras.
1967. Proc. ent. Soc. Wash. 69: 103 (♂*, ♀*, P*, L*). Type-loc: Stann Creek, British Honduras (USNM).

Genus CULISETA Felt
Subgenus CULISETA Felt

219. **lishanensis** Lien.—Taiwan.
1968. Trop. Med. 10: 6 (♂*, ♀, P*, L*). Type-loc: Lishan, Hoping township, Taichung Hsien, Taiwan (TMRI).

Subgenus CULICELLA Felt

221. **atra** (Lee).—Dobrotworsky, 1968, 11 (♂*, ♀, P*, L*).
weindorferi (Edward).—Retained in subgenus *Climacura* in Supplement III but should have been transferred to subgenus *Culicella*.

Subgenus CLIMACURA Howard, Dyar and Knab

marchettei Garcia, Jeffery and Rudnick.—Malaya.
1969. J. med. Ent. 6: 252 (♂*, ♀, P*, L*). Type-loc: Tanjong Rabok, Kuala Langat Forest Reserve, Selangor, Malaysia (USNM).
novaezealandiae Pillai.—New Zealand.
1966. Trans. Roy. Soc. N. Z., Zool. 8: 127 (♂*, ♀, P*, L*). Type-loc: Tahakopa, South Otago, New Zealand (NSIR).
tonnoiri (Edwards).—Dumbleton, 1965, 138 (♂*, P*, L*).

Subgenus uncertain

222. **arenivaga** Marks.—Australia.
1968. J. Aust. ent. Soc. 7: 51 (♀*). Type-loc: Forest Station, Fraser Island, Queensland, Australia (UQ).

Genus CULEX Linnaeus

222. *Important reference:* 1967, Bram, 1–296 (Thailand).

Subgenus LUTZIA Theobald

223. **halifaxii** Theobald.—Nepal, India and Ceylon to USSR (Maritime Provinces), Ogasawara Gunto, Solomon Islands and Australia. Bram, 1967, 17 (♂*, ♀*; syn.).
vorax Edwards.
raptor Edwards.

raptor (Edwards).—Place above as synonym of *halifaxii.*

224. **fusca** Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 17.

vorax (Edwards).—Transfer to p. 223 as synonym of *halifaxii.*

Subgenus BARRAUDIUS Edwards

richeti Brunhes and Venhard.—Nigeria.
1966. Cah. ORSTOM, sér. Ent. méd. 4: 75 (♂*, ♀, P*, L*). Type-loc: Lake Chad, Nigeria (IERT).

Subgenus NEOCULEX Dyar

225. *Eumelanomyia* Theobald.—Change "*inconspicua*" to "*inconspicuosa.*"

inconspicuosa Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 10.

226. **chauveti** Brunhes and Rambelo.—Madagascar.
1968. Cah. ORSTOM, sér. Ent. méd. 6: 113 (♂*, ♀, P*, L*). Type-loc: Ambalakindresy, S/P Ambohimahasoa, Fianarantsoa, Madagascar (IERT).

227. **fusca** Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 20.

228. **lini** Lien.—Taiwan.
1968. Trop. Med. 10: 225 (♂*, ♀, P*, L*). Type-loc: Chulu, Peinan, Taitung Hsien, Taiwan (TMRI).

postspiraculosus Lee.—Change volume from 49 to 59.

229. **seyrigi** Edwards.—Brunhes, 1968, 15 (♂*, P*, L*; syn.).
robici Doucet.

Subgenus MOCHTHOGENES Edwards

230. **bokorensis** Klein and Sirivanakarn.—Cambodia.
1969 (1970). Proc. ent. Soc. Wash. 71: 587 (♂*). Type-loc: Bokor Hill, Kampot, Cambodia (USNM).

ssp. **foliatus** Brug.—Transfer to p. 231 as valid species.

231. **chiyutoi** Baisas.—Change "PBH" to "NE."; place below as synonym *foliatus.*

foliatus Brug.—Jaya, China, Nepal, Philippines, Borneo. Bram, 1967, 34 (♂*, ♀, L*, syn.).
chiyutoi Baisas.

hamoni Brunhes, Adam and Bailly-Choumara.—Congo (Kinshasa).
1967. Cah. ORSTOM, sér. Ent. méd. 5: 48 (♂*). Type-loc: Bangou Forest, Congo (Kinshasa) (IERT).

helenae Brunhes, Adam and Bailly-Choumara.—Cameroun.
1967. Cah. ORSTOM, sér. Ent. méd. 5: 50 (♂*). Type-loc: Limié, Cameroun (IERT).

kiriensis Klein and Sirivanakarn.—Cambodia, Thailand.
1969 (1970). Proc. ent. Soc. Wash. 71: 583 (♂*). Type-loc: Bokor Hill, Kampot, Cambodia (USNM).

laureli Baisas.—Change "PBH" to "NE."

mijanae Brunhes, Adam and Bailly-Choumara.—Cameroun.
1967. Cah. ORSTOM, sér. Ent. méd. 5: 51 (♂*). Type-loc: Ntui-Mbam, Cameroun (IERT).

orstom Brunhes, Adam and Bailly-Choumara.—Congo (Kinshasa).
1967. Cah. ORSTOM, sér. Ent. méd. 5: 49 (♂*). Type-loc: Irangi Forest, Kivu, Congo (Kinshasa) (IERT).

otachati Klein and Sirivanakarn.—Cambodia, Thailand.
1969 (1970). Proc. ent. Soc. Wash. 71: 585 (♂*). Type-loc: Kirirom Hills, O Tachat, Kompong Speu, Cambodia (USNM).

232. **quintetti** Brunhes, Adam and Bailly-Choumara.—Ivory Coast, Angola.
1967. Cah. ORSTOM, sér. Ent. méd. 5: 49 (♂*). Type-loc: Man, Ivory Coast (IERT).

selai Klein and Sirivanakarn.—Borneo, Cambodia.
1969 (1970). Proc. ent. Soc. Wash. 71: 589 (♂*). Type-loc: Kompong Sela, Koh-Kong, Cambodia (USNM).

yeageri Baisas.—Change "PBH" to "NE."

Subgenus ACALLEOMYIA Leicester

obscurus (Leicester).—Bram, 1968, 53 (♂*, ♀, P*, L*).

Subgenus LOPHOCERAOMYIA Theobald

Important reference: 1968, Sirivanakarn, 75–186 (New Guinea and Bismarck Archipelago, keys).

atracus Colless.—Solomon Islands. Sirivanakarn, 1968, 161 (♂*, ♀, P, L, syn.).

franclemonti Belkin.

bolii Sirivanakarn.—New Guinea.
1968. Pac. Ins. Mon. 17: 100 (♂*, ♀*). Type-loc: Marani Creek, Kundiawa in Chimbu, Eastern Highlands, NE New Guinea (BBM).

christiani Colless.—Sirivanakarn, 1968, 147 (♂*, ♀, P*, L*).

collessi Sirivanakarn.—New Guinea, Bismarck Archipelago.
1968. Pac. Ins. Mon. 17: 170 (♂*, ♀, P*, L*). Type-loc: Keravat, New Britain, Bismarck Archipelago (BBM).

cottlei Sirivanakarn.—Bismarck Archipelago.
1968. Pac. Ins. Mon. 17: 180 (♂*, ♀, P*, L*). Type-loc: Lorengau, Manus Island, Bismarck Archipelago (BBM).

crowei Sirivanakarn.—New Guinea.
1968. Pac. Ins. Mon. 17: 115 (♂*, ♀, P, L). Type-loc: Daunda Village 9, Vanimo, Sepik District, NE New Guinea (BBM).

digoelensis Brug.—Sirivanakarn, 1968, 101 (♂*, ♀, P*, L*).

durhami Sirivanakarn.—New Guinea.

1968. Pac. Ins. Mon. 17: 177 (♂*). Type-loc: Upau Stream, Maprik, Sepik, NE New Guinea (BBM).

233. **franclemonti** Belkin.—Transfer to p. 232 as synonym of *atracus*.

gressitti Sirivanakarn.—New Guinea.

1968. Pac. Ins. Mon. 17: 153 (♂*, ♀, P*, L*). Type-loc: Edie Creek, Wau, Morobe, NE New Guinea (BBM).

harpagophallus Wang and Feng.—China.

1964. Acta zootax. Sinica 1: 38 (♂*). Type-loc: Szemao, Yunnan, China (MMC).

hui Lien.—Taiwan.

1968. Trop. Med. 10: 227 (♂*, ♀, P*, L*). Type-loc: Chukou, Fanlu, Chiai Hsien, Taiwan (TMRI).

hurlbuti Belkin.—Bismarck Archipelago.

234. **insularis** Sirivanakarn.—Bismarck Archipelago.

1968. Pac. Ins. Mon. 17: 166 (♂*, ♀, P, L). Type-loc: Kerevat, New Britain, Bismarck Archipelago (BBM).

kaviengensis Sirivanakarn.—Bismarck Archipelago.

1968. Pac. Ins. Mon. 17: 167 (♂*, ♀, P*, L*). Type-loc: Kavieng, New Ireland, Bismarck Archipelago (BBM).

kowiroensis Sirivanakarn.—New Guinea.

1968. Pac. Ins. Mon. 17: 133 (♂*, ♀, P*, L*). Type-loc: Kowiro, inland of Wewak, Sepik, NE New Guinea (BBM).

kuhnsi King and Hoogstraal.—Sirivanakarn, 1968, 96 (♂*, ♀, P*, L*).

lakei Sirivanakarn.—New Guinea.

1968. Pac. Ins. Mon. 17: 120 (♂*, ♀, P*, L*). Type-loc: Rigo Road, Port Moresby, SE New Guinea (BBM).

leei King and Hoogstraal.—Sirivanakarn, 1968, 138 (♂*, ♀, P*, L*).

bicornuta Theobald.—Place below as synonym of *minor*.

minjensis Sirivanakarn.—New Guinea.

1968. Pac. Ins. Mon. 17: 151 (♂*, ♀). Type-loc: Tengen stream, Minj, Western Highlands, NE New Guinea (BBM).

minor (Leicester).—Bram, 1967, 96 (♂*, ♀, L*; syn.).

bicornuta Theobald.

nolledoi Baisas.—Change "PBH" to "NE; paratypes USNM."

muruae Sirivanakarn.—New Guinea.

1968. Pac. Ins. Mon. 17: 130 (♂*, ♀, P*, L*). Type-loc: Murua, SE New Guinea (BBM).

235. **ornatus** (Theobald).—Sirivanakarn, 1968, 141 (♂*, ♀, P*, L*).

pachecoi Baisas.—Change "PBH" to "NE; paratypes USNM."

petersi Colless.—Sirivanakarn, 1968, 109 (♂*, ♀, P*, L*).

pilifemoralis Wang and Feng.—China.

1964. Acta zootax. Sinica 1: 37 (♂*). Type-loc: Szemao, Yunnan, China (MMC).

pseudornatus Colless.—Sirivanakarn, 1968, 149 (♂*, ♀, L*).

pseudorubithoracis Sirivanakarn.—New Guinea.

1968. Pac. Ins. Mon. 17: 178 (♂*). Type-loc: Korogo, Sepik River, NE New Guinea (BBM).

rajanceae Sirivanakarn.—Bismarck Archipelago.
1968. Pac. Ins. Mon. 17: 174 (♂*). Type-loc: Lorengau, Manus Island, Bismarck Archipelago (BBM).

raghavanii Rahman, Choudhury, and Kalra.—India.
1969. Bull. Ind. Soc. Mal. com. Dis. 5: 28 (♂*, ♀, P*, L*). Type-loc: Coonoor, Singara Estate, Nilgiri Hills, S. India (NICD).

schilfgaardei Sirivanakarn.—New Guinea.
1968. Pac. Ins. Mon. 17: 163 (♂*, ♀, P*, L*). Type-loc: Singuawa River area, Morobe, NE New Guinea (BBM).

sedlacekae Sirivanakarn.—New Guinea.
1968. Pac. Ins. Mon. 17: 180 (♂*). Type-loc: Lae, Morobe, New Guinea.

shanahani Sirivanakarn.—New Guinea.
1968. Pac. Ins. Mon. 17: 117 (♂*, ♀*). Type-loc: Cape Killerton, Popondetta, SE New Guinea (BBM).

singuawaensis Sirivanakarn.—New Guinea.
1969. Med. Ent. 6: 119 (nom. nov. for *confusus* Sirivanakarn, *non* Baisas).
confusus Sirivanakarn. 1968. Pac. Ins. Mon. 17: 105 (♂*). Type-loc: Singuawa River area, Morobe, Lae, NE New Guinea (BBM).

steffani Sirivanakarn.—New Guinea.
1968. Pac. Ins. Mon. 17: 112 (♂*, ♀, P*, L*). Type-loc: Rigo Road, Port Moresby, Central District, SE New Guinea (BBM).

szemaoensis Wang and Feng.—China.
1964. Acta zootax. Sinica 1: 37 (♂*). Type-loc: Szemao, Yunnan, China (MMC).

versabilis Sirivanakarn.—New Guinea.
1968. Pac. Ins. Mon. 17: 126 (♂*, ♀, P*, L*). Type-loc: Madang, Gum River area, NE New Guinea (BBM).

wamanguae Sirivanakarn.—New Guinea.
1968. Pac. Ins. Mon. 17: 135 (♂*, ♀, P*, L*). Type-loc: Wamangu, inland of Wewak, Sepik, NE New Guinea (BBM).

Subgenus CULICIOMYIA Theobald

236. *Pectinopalpus* Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 11.

barrinus Bram.—Thailand.
1967. Contrib. Amer. ent. Inst. 2(1): 125 (♂*, ♀, P, L*). Type-loc: Ban Pa Chi, Mae Hong Son, Thailand (USNM).

uniformis Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 8.

237. *fuscus* Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 11.

kyotoensis Yamaguti and LaCasse.—Korea.

238. **ryukyuensis** Bohart.—Delete Japan.

seanloni Bram.—Thailand.
1967. Contrib. Amer. ent. Inst. 2(1): 147 (♂*, ♀*, P*, L*). Type-loc: Quam Ga Lang, Sotun, Thailand (USNM).

spiculothorax Bram.—Thailand.
1967. Contrib. Amer. ent. Inst. 2(1): 155 (L*). Type-loc: Ban Khum Klang, Chiang Mai, Thailand (USNM).

239. **thurmanorum** Bram.—Thailand.
1967. Contrib. Amer. ent. Inst. 2(1): 159 (♂*, P*, L*). Type-loc: Doi Chang, Mae Hong Son, Thailand (USNM).

Subgenus ALLIMANTA Casal and García

Culex, subgenus **Allimanta** Casal and García. 1968. Physis 27: 331. Orthotype, *tramazayguesi* Duret.

tramazayguesi Duret.—Casal and García. 1968, 333 (♂*, P*, L*).

Subgenus CULEX Linnaeus

240. **ameliae** Casal.—Argentina.
1967. Neotropica 13: 29 (♂*). Type-loc: San Pedro and El Dorado Road, 10 km from San Pedro, Misiones, Argentina (INM).

241. *pseudoannulioris* Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 15.

annulus Theobald.—Transfer with synonyms to p. 264 as synonym of *vishnui*.

242. **asteliae** Belkin.—New Zealand.
1968. Contr. Amer. ent. Inst. 3(1): 66 (♂*, ♀, P*, L*). Type-loc: Rangitoto Island, North Auckland, New Zealand (NELS).

domesticus Leicester.—Transfer to p. 243 as synonym of *bitaeniorhynchus*.

243. **barraudi** Edwards.—Bram, 1967, 209 (♂*, ♀, L*; syn.).
edwardsi Barraud.

bitaeniorhynchus Giles.—Bram, 1967, 258 (♂*, ♀*, P*, L*; syn.).
domesticus Leicester.

244. **brami** Forattini, Rabello and Lopes.—Brazil.
1967. Rev. bras. de Ent. 12: 13 (♂*, ♀*). Type-loc: Boraceia, Casa Grande, Municipio de Salesopolis, Sao Paulo, Brazil (FH).

castroi Casal and García.—Argentina.
1967. Physis 26: 451 (♂*, ♀, P*, L*). Type-loc: Canal 6 and Paraná de las Palmas, Estación Agropecuaria Delta, Buenos Aires, Argentina (INM).

chitae Duret.—Colombia.
1967. Neotropica 13: 113 (♂*). Type-loc: Monserrat, nr. Bogotá, Colombia (A).

245. **cuyanus** Duret.—Argentina.
1968. Physis 27: 323 (♀*). Type-loc: Jáchal, San Juan, Argentina (A).

nigrocostalis Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 16.

247. **eduardoi** Casal and García.—Argentina.
1968. Rev. Soc. ent. Argentina 30: 105 (♂*, ♀, P*, L*). Type-loc: Canal 6 y Paraná de las Palmas, Estación Agropecuaria Delta, Buenos Aires, Argentina (INM).

edwardsi Barraud.—Transfer to p. 243 as synonym of *barraudi*.

fasyi Baisas.—Change "PBH" to "NE."

fuscitarsis Barraud.—Place below as synonym of *fuscocephalus.*

fuscocephalus Theobald.—Bram, 1967, 184 (♂*, ♀*, P*, L*; syn.). *fuscitarsis* Barraud.

249. **hepperi** Casal and García.—Argentina.
1967. Physis 27: 88 (♂*, ♀, P*, L*). Type-loc: Canal 6 and Paraná de las Palmas, Estación Agropecuaria Delta, Buenos Aires, Argentina (INM).

incognitus Baisas.—Change "PBH" to "NE."

250. *chloroventer* Theobald.—Change original reference to: 1909. Colon. Rep. Mis. Ser. No. 237: 16.

kangi Lien.—Taiwan.
1968. Trop. Med. 10: 235 (♂*, ♀*, P*, L*). Type-loc: Chienchi, Hsinchu, Hsinchu Hsien, Taiwan (TMRI).

251. *confusus* Baisas.—Change "PBH" to "NE."

252. **murrelli** Lien.—Taiwan, Thailand.
1968. Trop. Med. 10: 243 (♂*, ♀*, P*, L*). Type-loc: Hsinhsien, Wulai, Taipei Hsien, Taiwan (TMRI).

nakuruensis Mattingly.—Someren, 1967, 11 (♂, ♀, P*, L*).

neolitoralis Bram.—Thailand.
1967. Contr. Amer. ent. Inst. 2(1): 236 (♂*, ♀, P*). Type-loc: Ban Laem Sing, Chanthaburi, Thailand (USNM).

neomimulus Lien.—Taiwan.
1968. Trop. Med. 10: 240 (♂*, ♀*, P*, L*). Type-loc: Pingliu, Shuangchi, Taipei Hsien, Taiwan (TMRI).

neovishnui Lien.—Taiwan.
1968. Trop. Med. 10: 230 (♂*, ♀, P*, L*). Type-loc: Peiyuan, Tungho, Taitung, Taiwan (TMRI).

253. **ornatothoracis** Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 15.

palmi Baisas.—Change "PBH" to "NE."

paramaxi Duret.—Brazil.
1968. Neotropica 14: 57 (♂*). Type-loc: Ingeniero Dolabella, Minas Gerais, Brazil (A).

permixtus Hsieh and Liao.—China.
1956. Acta ent. Sinica 6: 123 (♂*, L*). Type-loc: Amoy, China (LU).

258. *pallidothoracis* Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 17.

pseudovishnui Colless.—Reuben, 1969, 648 (♂*, ♀*, L*).

riojanus Duret.—Argentina.
1968. Physis 27: 326 (♂*). Type-loc: Chamical, La Rioja, Argentina (A).

robici Doucet.—Transfer to p. 229 as synonym of *scyrigi.*

rotoruae Belkin.—New Zealand.
1968. Contr. Amer. ent. Inst. 3(1): 64 (♂*, ♀, P*, L*). Type-loc: Kuivau Hot Springs Reserve, Rotorua, South Auckland, New Zealand (NELS).

259. **shoae** Hamon and Ovazza.

ssp. **ugandae** Someren.—Uganda.

1967. Proc. R. ent. Soc. Lond. (B) 36: 14 (♂*, ♀, P, L). Type-loc: Ngogwe (33° E. 0° 15′ N.), Uganda (BM).

salinus Baisas.—Change "PBH" to "NE."

261. **suborientalis** Baisas.—Change "PBH" to "NE."

262. *accraensis* Theobald.—Change original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 19.

fusca Theobald.—Change to *fuscus* and original reference to: 1909. Colon. Rep. misc. Ser. No. 237: 20.

263. **tramazayguesi** Duret.—Transfer to p. 239 in subgenus *Allimanta.*

tritaeniorhynchus Giles.—Reuben, 1969, 650 (♂*, ♀*, L*).

tsengi Lien.—Taiwan.

1968. Trop. Med. 10: 237 (♂*, ♀*, P*, L*). Type-loc: Chihtuan, Loshui, Tatung, Ilan Hsien, Taiwan (TMRI).

264. **vishnui** Theobald.—Reuben, 1969, 643 (♂*, ♀*, L*; syn.).

annulus Theobald.

pseudoinfula Theobald.

adelae Baisas.—Change "PBH" to "NE."

Subgenus MELANOCONION Theobald

267. **bahiensis** Duret.—Brazil.

1969. Neotropica 15: 40 (♂*). Type-loc: Urucuca, Bahía, Brazil (A).

breviculus Floch and Abonnenc.—Belkin, 1968b, 12 (restored to subg.).

cauchensis Floch and Abonnenc.—Belkin, 1968b, 11 (new subg. position).

268. **contei** Duret.—Brazil, Panama.

1968. Neotropica 14: 121 (♂*). Type-loc: Sao Miguel do Guamá Pará, Brazil (A).

corentynensis Dyar.—Delete "*" in original reference.

269. **cristovai** Duret.—Brazil.

1968. Neotropica 14: 14 (♂*). Type-loc: Caracarai, Roraima, Brazil (A).

crybda Dyar.—Transfer to p. 270 as synonym of *epanastasis.*

delpontei Duret.—Argentina, Paraguay.

1969. Rev. Soc. ent. Arg. 31: 8 (♂*). Type-loc: Las Palmas, Chaco, Argentina (A).

dureti Casal and García.—Argentina, Paraguay.

1968. Physis 28: 123 (♂*). Type-loc: San Ignacio, Misiones, Argentina (INM).

270. **epanastasis** Dyar.—Panama. Galindo, 1969, 86 (resurrected from syn., syn.).

crybda Dyar.

ernanii Duret.—Brazil.

1968. Rev. Soc. ent. Argentina 30: 74 (♂*). Type-loc: Boa Vista, Roraima, Brazil (A).

271. **faurani** Duret.—Brazil, French Guiana.

1968. Rev. Soc. ent. Argentina 30: 77 (♂*). Type-loc: Manaos, Amazonas, Brazil (A).

ferreri Duret.—Colombia, Venezuela.
1968. Rev. Soc. ent. Argentina 30: 79 (♂*). Type-loc: Agualasal, Curuta, Norte de Santander, Colombia (A).

flochi Duret.—Brazil, French Guiana, Colombia.
1969. Physis 29: 119 (♂*, ♀). Type-loc: Rio Mojú, Belém, Para, Brazil (A).

272. **isabelae** Duret.—Brazil.
1968. Rev. Soc. ent. Argentina 30: 72 (♂*). Type-loc: Caracarai, Roraima, Brazil (A).

johnnyi Duret.—Brazil.
1968. Physis 28: 17 (♂*). Type-loc: rio Preto, Municipio de Joao Goulard, Amazonas, Brazil (A).

kerri Duret.—Brazil.
1968. Neotropica 14: 11 (♂*). Type-loc: Joao Goulard, Amazonas, Brazil (A).

lucifugus Komp.—Argentina.

martinezi Casal and García.—Argentina.
1968. Physis 27: 455 (♂*, P*, L*). Type-loc: km 34 Vespucio-San Pedrito Road, Salta, Argentina (INM).

menytes Dyar.—Transfer to p. 275 as synonym of *spissipes*.

273. **mojuensis** Duret and Damasceno.—Belkin, 1968b, 11 (new subg. position).

nicaroensis Duret.—Cuba.
1967. Neotropica 13: 77 (♂*, ♀). Type-loc: Nicaro, Municipio de Mayarí, Oriente, Cuba (INM).

punctiscapularis Floch and Abonnenc. Transfer to p. 274 as valid species.

opisthopus Komp.—Honduras, Mexico, Panama.—Galindo, 1969, 84 (taxon.).
ssp. **cedecei** Stone and Hair.—United States (Florida).
1968. Mosq. News 28: 39 (♂*, ♀*; as species). Type-loc: Mahogany Hammock, Dade Co., Florida (USNM).
ssp. unnamed.—Puerto Rico, Jamaica. Called *annulipes* by Galindo, an unavailable name.

274. **pavlovskyi** Casal and García.—Argentina.
1967. Neotropica 13: 20 (♂*). Type-loc: Aeropuerto de Cambá Punta, Corrientes, Argentina (INM).

pereyrai Duret.—Paraguay.
1967. Neotropica 13: 81 (♂*). Type-loc: Cecilio Báez, Caaguazú, Paraguay (A).

punctiscapularis Floch and Abonnenc.—French Guiana. Duret, 1969, 122 (♂*; resurrected from syn.).

275. **rachoui** Duret.—Brazil.
1968. Neotropica 14: 58 (♂*). Type-loc: Paragominas, Municipio de Capin, Pará, Brazil (A).

ronderosi Quiroga de Linero.—Venezuela.
1967. Rev. bras. Biol. 27: 289 (♂*, ♀*). Type-loc: Oricopiche, Ciudad Bolivar, Bolivar, Venezuela (EUO).

silvai Duret.—Brazil.
1968. Rev. Soc. ent. Argentina 30: 69 (♂*). Type-loc: Caracarai, Roraima, Brazil (A).

spissipes (Theobald).—Honduras. Delete Bonne and Bonne-Wepster reference. Takahashi, 1968, 329 (♂*, ♀*, syn.).

menytes Dyar.

epanastasis Dyar.—Transfer to p. 270 as valid species.

Subgenus MOCHLOSTYRAX Dyar and Knab

277. **galvaoi** Duret.—Brazil.
1968. Neotropica 14: 60 (♂*). Type-loc: Cheré, Rio, Brazil (A).

garcesi Duret.—Colombia.
1968. Neotropica 14: 63 (♂*). Type-loc: Quibdó, Chocó, Colombia (A).

palaciosi Duret.—Brazil.
1968. Physis 28: 15 (♂*). Type-loc: Boa Vista, Roraima, Brazil (A).

Subgenus MICROCULEX Theobald

278. **aureus** Lane and Whitman.—Forattini and Coutinho, 1963, 481 (P*, L*).

279. **imitator** Theobald.—Forattini and Coutinho, 1963, 488 (P*, L*; syn.).
ssp. **retrosus** Lane and Whitman.—Change to *retrosus*.

280. **Subgenus EUBONNEA Dyar.**—Delete.

Subgenus AEDINUS Lutz

Aedinus Lutz, 1904, in Bourroul, Mosq. do Brasil: 54. Logotype, *amazonensis* Lutz (Belkin, 1968b, 51).

Eubonnea Dyar.
Included species: *accelerans*, *amazonensis*, and the following:

281. **clastrieri** Casal and García.—Brazil.
1968. Neotropica 14: 119 (♂*). Type-loc: Belém, Pará, Brazil (Casal).

Subgenus AEDINUS Bourroul.—Delete.

breviculus Floch and Abonnenc.—Restore to p. 267 in subgenus *Melanoconion*.

cauchensis Floch and Abonnenc.—Transfer to p. 267 in subgenus *Melanoconion*.

Subgenus ANOEDIOPORPA Dyar

Belkin, 1968b, 11 (resurrected from syn.).
Included species, *bamborum*, *belemensis*, *browni*, *canaanensis*, *conservator*, *corrigani*, *luteopleurus*, *originator*, *paganus*, and the following:

chaguanco Casal, García and Fernández.—Argentina.
1968. Physis 28: 217 (♂*). Type-loc: Tablillas, near Campamento Vespucio, Dep. San Martin, Salta, Argentina (INM).

damascenoi Duret.—Brazil.
1969. Neotropica 15: 143 (♂*). Type-loc: Rio Preto, Municipio de Joao Goulard, Amazonas, Brazil (A).

Subgenus MICRAEDES Coquillett

Belkin, 1968b, 11 (resurrected from syn.); Berlin, 1969c, 21–63 (revision).

antillummagnorum Dyar.—Berlin, 1969c (♂*, ♀, P*, L*).

arawak Berlin.—Jamaica.
1969. Contr. Amer. ent. Inst. 5(1): 37 (♂*, L*). Type-loc: Moneague (St. Ann), Jamaica (USNM).
bisulcatus (Coquillett).—Berlin, 1969c, 30 (♂*, ♀*, P*, L*).
erethyzonfer Galindo and Blanton.—Berlin, 1969c, 43 (♂*, ♀, P*, L*).
sandrae Berlin.—Mexico.
1969. Contr. Amer. ent. Inst. 5(1): 41 (♀, P*, L*). Type-loc: Omilteme, Guerrero, Mexico (USNM).
schicki Berlin.—Mexico.
1969. Contr. Amer. ent. Inst. 5(1): 39 (♂*, ♀, P*, L*). Type-loc: Rancho Viejo de Agua de Obispo, Chilpancingo, Guerrero, Mexico (USNM).

Subgenus TINOLESTES Coquillett

282. Belkin, 1968b, 11 (resurrected from syn.). Included species: *latisquama*.
latisquama (Coquillett).—United States (Florida).
mojuensis Duret and Damasceno.—Transfer to p. 273 in subgenus *Melanoconion*.

Subgenus CARROLLIA Lutz

283. **soperi** Antunes and Lane.—Argentina.

Genus GALINDOMYIA Stone and Barreto

284. **Galindomyia** Stone and Barreto, 1969. J. med. Ent. 6: 143. Orthotype: *leei* Stone and Barreto.
leei Stone and Barreto.—Colombia.
1969. J. med. Ent. 6: 145 (♂*, ♀). Type-loc: nr mouth of Rio Raposo, Dept. de Valle, Colombia (USNM).

Genus DEINOCERITES Theobald

costaricensis Adames and Hogue.—Costa Rica.
1969. Contr. Amer. ent. Inst. 5(1): 12 (♂*, ♀*, P*, L*). Type-loc: 1 km n. of Boca del Rio Barranca, Hacienda Bonilla, Puntarenas Prov., Costa Rica (USNM).
285. **nicoyae** Adames and Hogue.—Costa Rica.
1969. Contr. Amer. ent. Inst. 5(1): 9 (♂*, ♀*, P*, L*). Type-loc: Estero El Mero, Boca del Rio Barranca, Puntarenas Prov., Costa Rica (USNM).

Rejected Name

287. **africanus** Theobald.—I.C.Z.N., 1968, 22 (suppression).

Nomen Nudum

argyrotarsis Lutz.
1904. *in* Bourroul, Mosq. do Brasil: 77 (*Wyeomyia*).
288. **singalesi** Theobald, 1901, in Green, Circ. R. bot. Gardens, Ceylon, ser. 1, no. 25: 368 (*Culex*).

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290. **Baisas, F. E.** 1946. Change to 1946a.

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291. **Belkin, J. N.** 1968a. Mosquito studies (Diptera, Culicidae) VII. The Culicidae of New Zealand. Contr. Amer. ent. Inst. 3(1): 1–182, illus.

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Type Depositories

327. BBM. Bernice P. Bishop Museum, Honolulu, Hawaii, U.S.A.

EUO. Sección de Entomología, Departamento de Parasitologia y Microbiologia, Escuela de Medicina, Universidad de Oriente, Ciudad Bolivar, Venezuela.

328. KZI. Kazakh Zoological Institute, Alma Ata, Kazakh SSR, USSR.

MMC. Department of Parasitology, Seventh Military Medical College, China.

329. NELS. Department of Scientific and Industrial Research, Nelson, New Zealand.

PBH. Delete entire line.

SMC. Department of Parasitology, Szechwan Medical College, Chengtu, China.

TMRI. Taiwan Provincial Malaria Research Institute, Nankang, Taipei County, Taiwan.

330. **China** (MMC, SMC), **New Zealand** (NELS), **Taiwan** (TMRI), **Union of Socialist Soviet Republics** (KZI), **United States of America** (BBM), **Venezuela** (EUO). Delete "**Philippine Republic** (PBH)."

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336. *Carollella* Lutz.—Change to *Carrollella*.

341. *fusca* Theobald, Culex (Culex).—Change to *fuscus*.

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